

FIG. 1

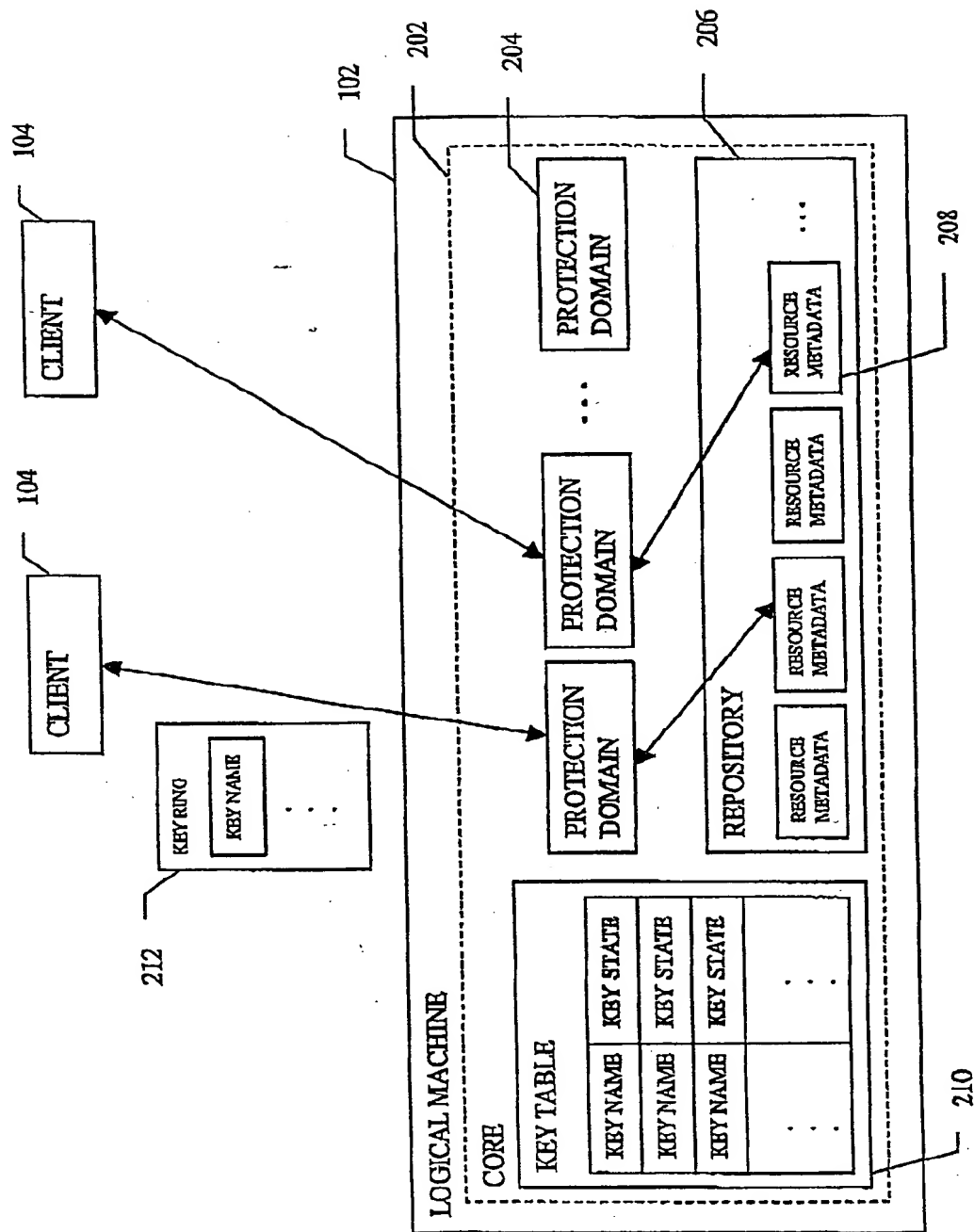


FIG. 2

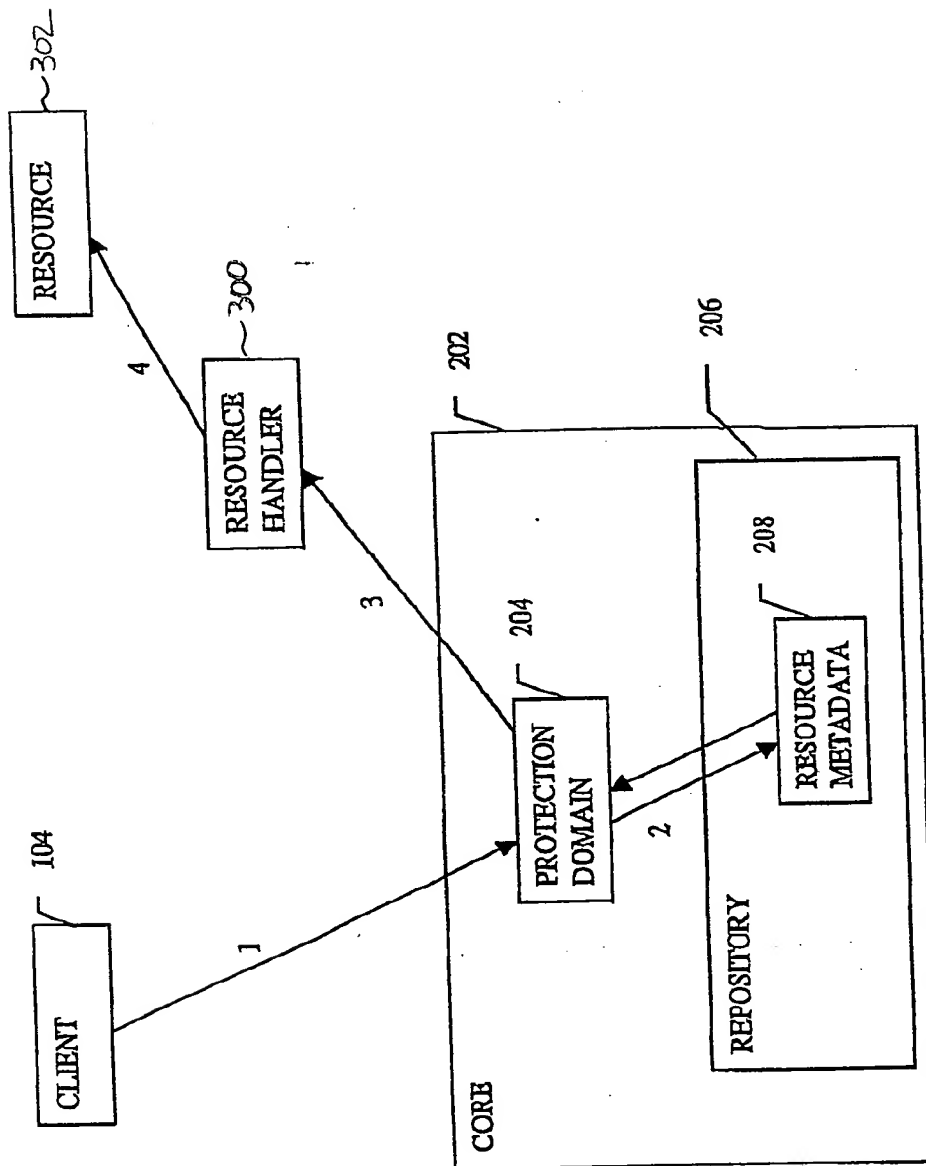


FIG. 3

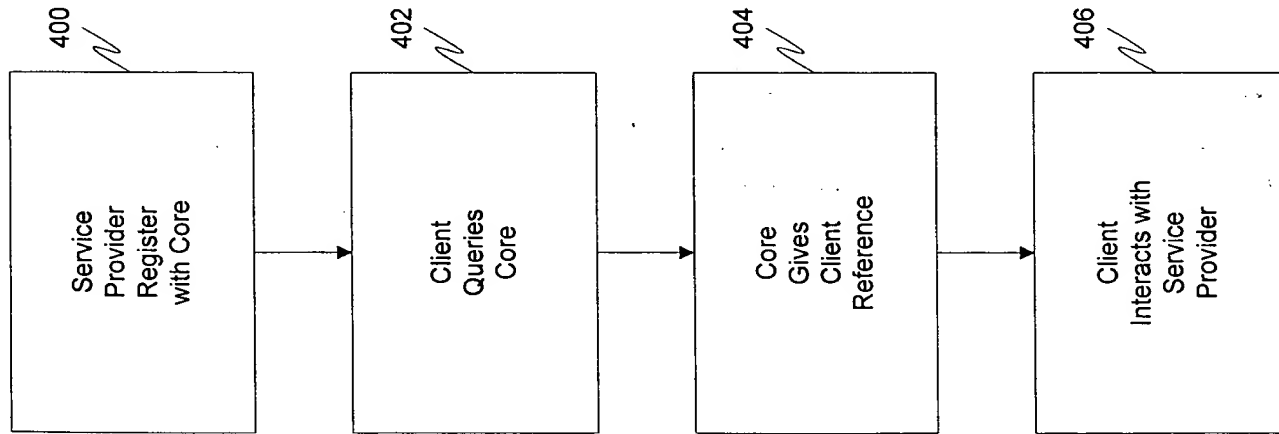


FIG. 4A

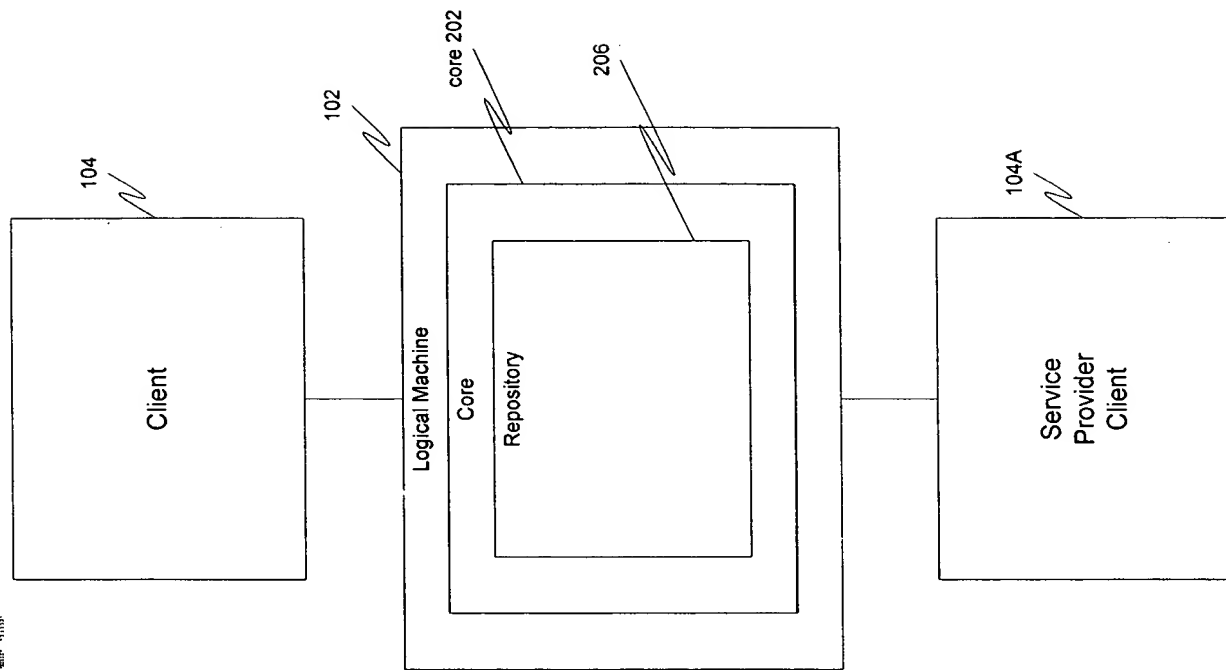


FIG. 4B

500
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502	Vocabulary	The definition of the attributes and their types used in descriptions and lookups
504	Resource Handler Mailbox	The process/thread/task that handles the Resource
506	Contract	Denotes the Application Programming Interface (API) supported by the provider, including version and similar information
508	Visibility and permissions	Access control information
510	Private Resource-specific data	Data important to the provider of the Resource, such as the provider's internal name for the Resource.
512	Public Resource-specific data	Data important to the user of the Resource, such as a stub for invoking methods.

FIG. 5

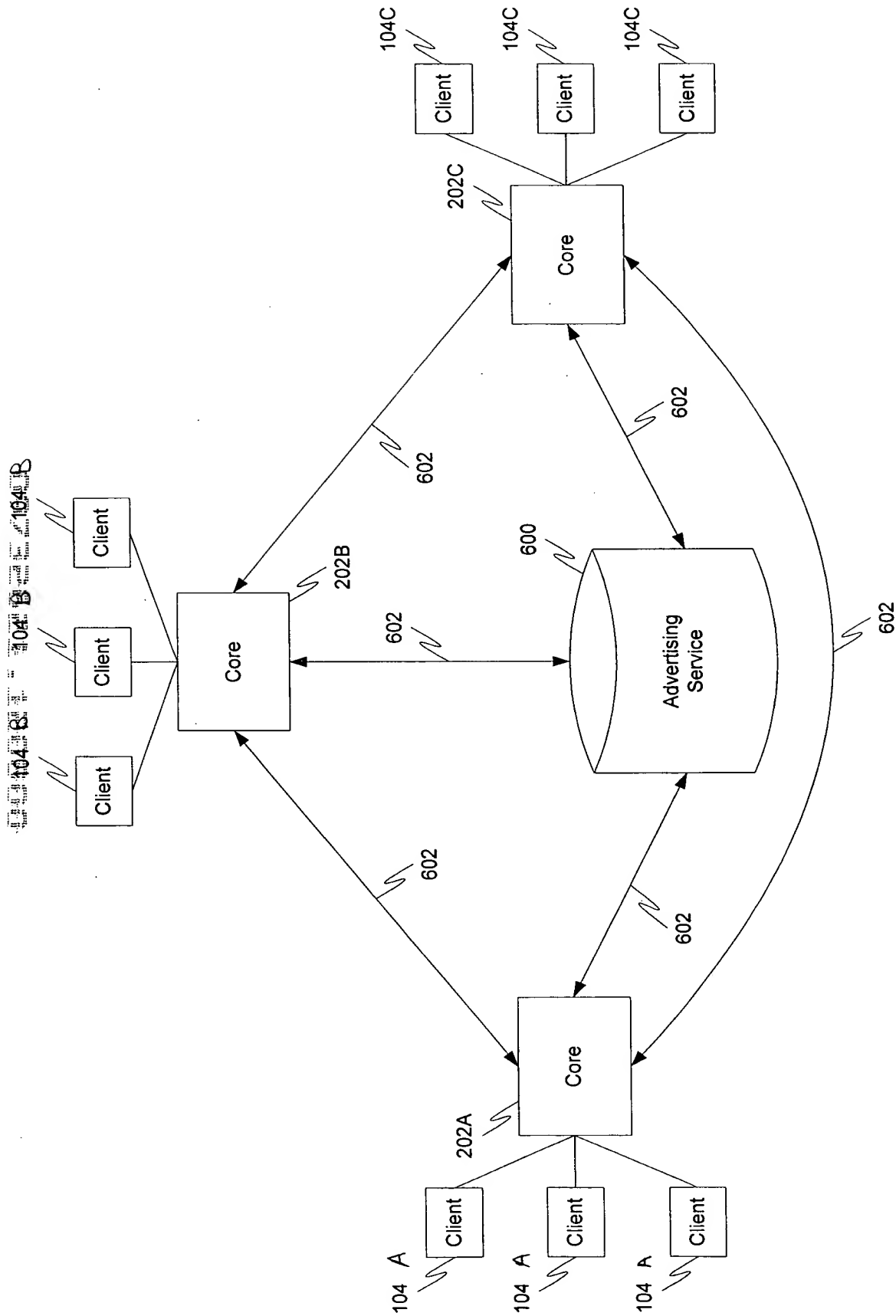


FIG. 6

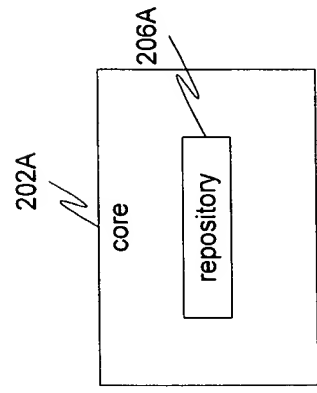


FIG. 7A OFFLINE

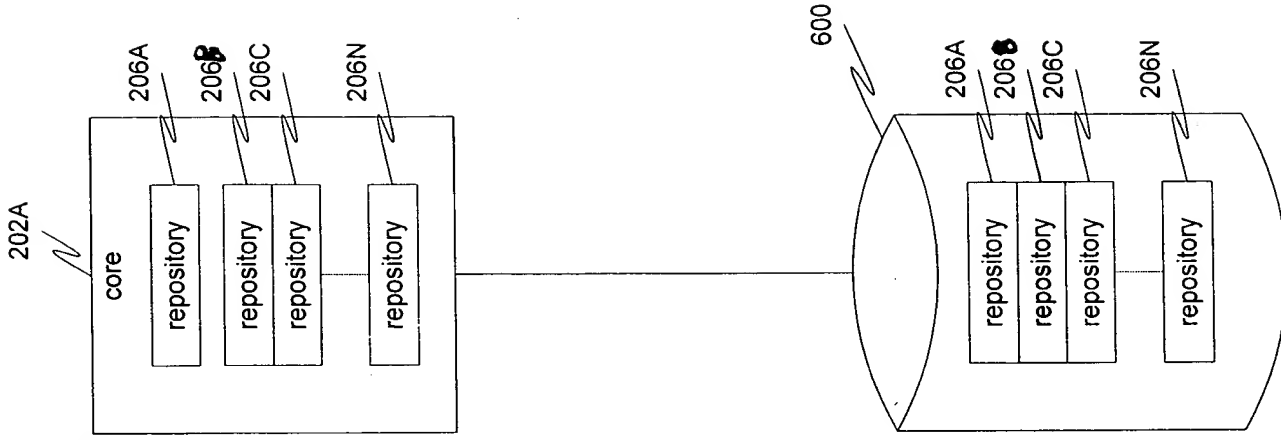


FIG. 7B ONLINE

FIG. 8 is a block diagram of a system architecture for an advertising service. The system includes a Client (104A), a Core (202A), an Advertising Service (600), another Core (202B), and another Client (104B). The Client (104A) is connected to the Core (202A) via a connection (700). The Core (202A) is connected to the Advertising Service (600) via a connection (702). The Advertising Service (600) is connected to the Core (202B) via a connection (704). The Core (202B) is connected to the Client (104B) via a connection (706). Additionally, there is a direct connection (708) between the Core (202A) and the Core (202B).

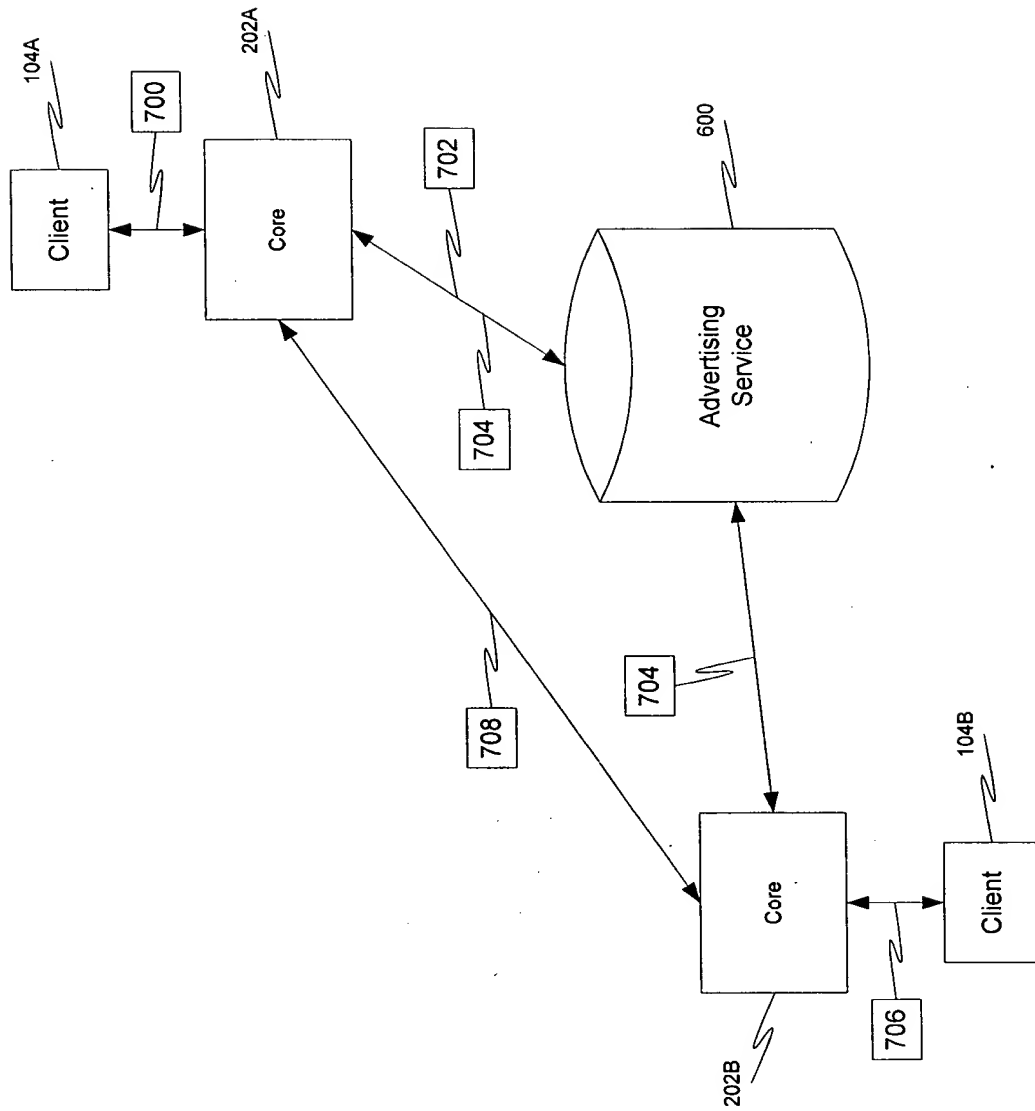


FIG. 8

FIG. 9A is a block diagram of a network architecture. The architecture includes a Client 104A, a Core 202A, a Well Known Portal 901, a Core 202B, a Client 104B, and two Advertising Services 600A and 600B. The Client 104A is connected to the Core 202A via a link 900. The Core 202A is connected to the Well Known Portal 901 via a link 904. The Well Known Portal 901 is connected to the Core 202B via a link 903. The Core 202B is connected to the Client 104B via a link 902. The Core 202A is also connected to the Advertising Service 600A via a link 908. The Advertising Service 600A is connected to the Core 202A via a link 904. The Core 202B is connected to the Advertising Service 600B via a link 902. The Advertising Service 600B is connected to the Core 202B via a link 904.

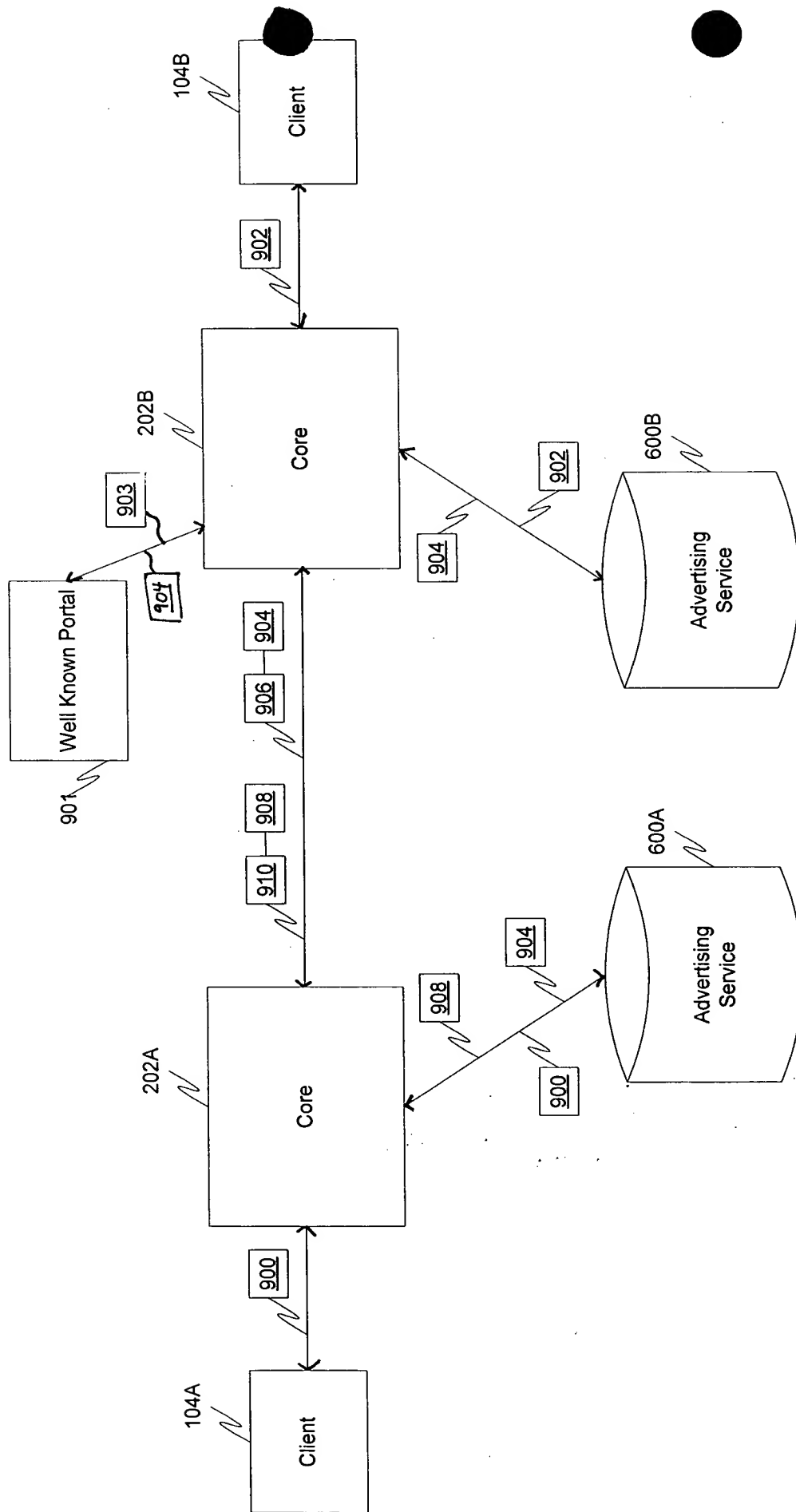


FIG. 9A

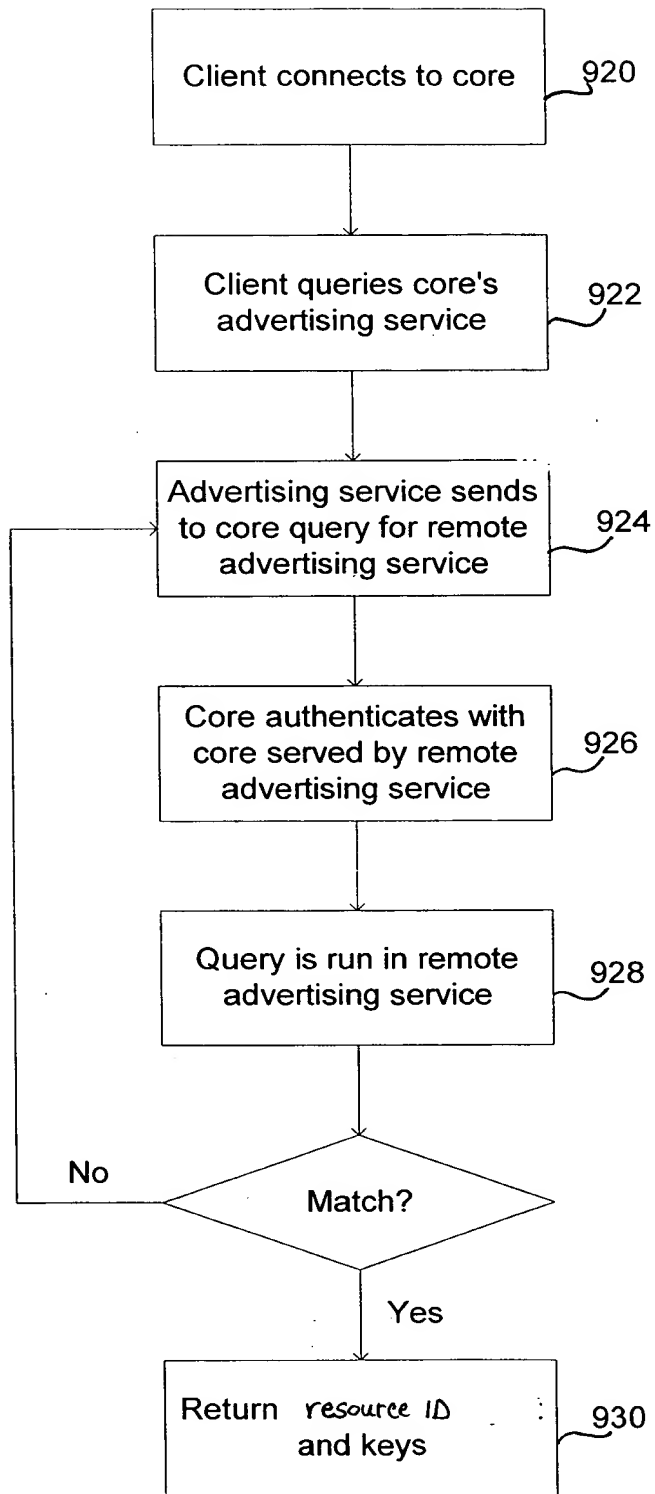


FIG. 9B

924

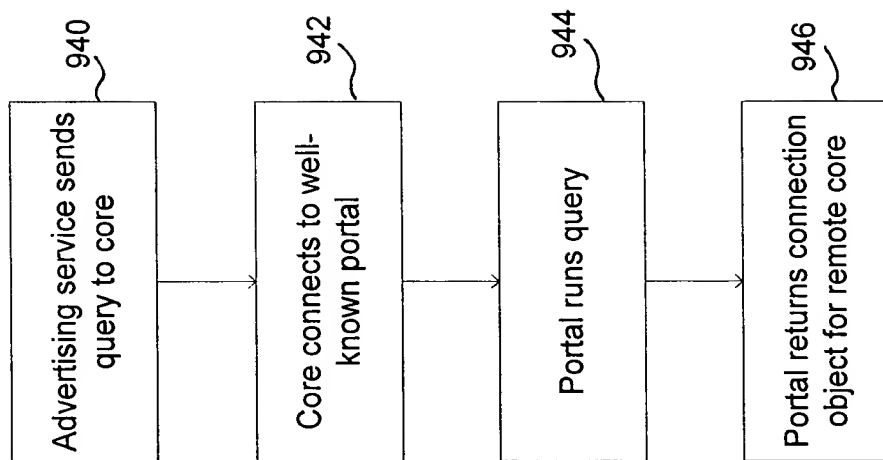


FIG. 9C